G. R. S. IX-5]

Previous references.

1920.

(Sanj)

File No. 43-20

Serial Nos. 1-3.

Later references.

GENERAL AND REVENUE SECRETARIAT

Serial Nos. Three.

Part B for April 1921

SUBJECT.

Antimalarial Campaign in the Ahmad.

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(43) To The Sanj. Comm., The Dy. Comm. & Asst. Comm. L. I. C. of Shimoga, Kadur & Hassan
The Comptroller
No. G. 17507-11 dt 12.3.21

Sanctions with certain observations the proposal to carry the anti-malarial work.

WD 2238—GPB—20,000—14-6-20

264

G. R. S. 11] 1920-21

GENERAL AND REVENUE SECRETARIAT.

(Sanitary)

NOTES.

File No. 43-20

FILE HEADING.

Anti-Malarial Campaign in the mehad

From

No.	Dated	Received

Diary No.	Enclos.	Spare Copies.	Serial No.

BRIEF ABSTRACT OF LETTER.

NOTES AND ORDERS.

NOTES—First Sheet.

P.T.O

G.R.S. III—3]

Routine Notes.

[To be used only for notes, requisitions, etc., not intended for permanent record.]

Extract Proceedings of m.d. Central Committee held on 13.3.20.

Anti-malarial campaign in Madras.

Draft calling for a scheme for the above is put up

28.4.20

2) For approval

3rd Member)

28/4/20.

3) Applied

29/4

Issue

2. The Offg Sanitary Commr

G.2536/Sanitary dated 6/5/1920

29/4/20.

calling for a Scheme for anti-malarial Campaign in the Madras

7 MAY 1920

3) draft reminder put up as noted

Issue

3/7/20.

2.7.20

CE 1/20-21 of 3.7.20

7) Submitted with a draft reminder. The Sanitary Commr had stated in the Central Committee meeting that the Health Officer had been asked to select a village for trying the campaign

30.8.20

30.8.20

8) Issue

31/8/20

Issued. 4440/39

6045/28.4.20

(SC 1)

N.B.- Should routine notes be written on small slips the notes must be copied or slips pasted on this form.

G. R. S. III-2,

1070

General and Revenue Secretariat. | Sanitary File No. 43 of 1920.

Serial No.	
2	From the Offg Sanitary Commissioner in Mysore no C 3-10 of 17th November 1920 - Forwards a scheme of Antimalarial Campaign to be adopted in the Malnad districts concentrating attention on one village at a time & requests sanction to ~~it~~ try the Campaign in the village of Kabile in the Nagar Taluk as approved by the M. D. Committee of Shimoga District. ~~Sd~~ Submitted for orders as to whether the scheme may not be placed before the ensuing meeting of the M. D. Committee before taking action re ~~trying~~ trial of the scheme in Kabile village.
	Hed 20/11/20 A Sum of Rs 500 has been allotted to each of the districts of Kagar, Hassan & Shimoga under the head "Antimalarial Campaign" in the current year's M. D. budget estimates.
	20.11.20.
	3rd Member) -
	1) Agenda placed before the Central Committee ~~Agenda~~
	23/11
	1) Include in Agenda.
	23/11/20

3243
22.11.20

22/11/20.

NOTE—Contn. sheet.

1070|

General and Revenue Secretariat. | Army File No. 43 of 1920.

Serial

submitted : When the subject was placed
re the meeting of the Sm. D. Committee
on 4.12.1920, it was resolved that
Anti malarial campaign might be tried
in Kabile villages in the Vaga Taluk ? But
govt order has been passed approving of the
Sanitary Commissioner's scheme & investing
Central Committee with powers for
ordering the expenditure in connection
the Anti malarial campaign
submitted for orders with a draft endorsement.

13) The Central Committee may
be invested with power to authorise
expenditure up to the budgeted grant.

Draft may be approved.

3rd Member) 18/2/21.

14) Is this one of the villages selected
for special allowance in the
Shencottai Division ?

23/2

Submitted : This is not one of the villages so selected

4/3/21 (3rd Member) — 4/3/21.

16) Maybe remembered, the list of malarially
villages requiring special allowance.

Subject

The file re concentration of attention on unhealthy villages has been sent to the Dewan's office in connection with the Dewan's tour in the Kadur District. If applied the receipt of the file will be awaited.

25/2/21 Yes 25/2/21

(May be got back after the Dewan returns from tour.)

File put up 24/3/21

Pl. Enl. Central file

5137 4.3.21

17) Please prepare a consolidated list of all villages requiring special allowance.

7/3

G. R. S. III-2]

1070

15

General and Revenue Secretariat.

File No. 43 of 1920.

Sanys

Serial No.	
	(8) Submitted. Draft of sanctioning already put up will be issued if appd. The statement will be put up after the issue of the G.O. Appd 8/3/21 Yes 9/3/21.
3	To The Sanys Comm. The Dy Com Comm Chennai M. I. Co of Chennai, Madras & Hassan The comptroller. Rog. 17507-11 dt 12-3-21 Sanction with certain Recommendations to proposal to carry on the anti malaria work.
	(9) Submitted. The consolidated statement referred to in para 17 is put up with the linked file. If appd these letters will be recorded Appd 26/4/1921 Yes 28/4/21.

SECRETARIAT III 28 APR 1921

NOTE—Contn. sheet.

6

G. R. S. VI—G/32] 29/14

SUBJECT.....

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Diary No. of letter replied to.....

Section Sanry
File No. 43-20
Serial No. 1

GENERAL AND REVENUE SECRETARIAT
( )
, *the* 191 .

No. C 25366 Sanry

Date of issue 6/5

To
The Sanitary Commr. in Nyasa

Signed by for Sec.

In inviting your attention to the marginally noted extract from the proceedings of the Central Comn held on 13.3.20 I am directed to request you to be good as to forward at an early date a scheme of anti-malarial campaign

I have the

over.

X Malarial Survey
"The President requested Mr. Pain to give a scheme of anti-malarial campaign for the Malaria to be carried out in the next year & said that attention must be concentrated on one village at a time & the sources of infantation removed. A lumpsum provision of Rs 3000/ was decided to be made for anti-malarial campaign."

28/4/20

28/4

28/4/20.
Secy M. I. Central Comn

Department of Public Health in Mysore.

OFFICE OF THE SANITARY COMMISSIONER
WITH THE GOVT. OF MYSORE.

Bangalore, dated the 17th June 1920.

No. @3-10
Enc. One file

10401

Serv. 43-20-2

From

A. K. PANI, ESQ., D.P.H., etc.,
Offg. Sanitary Commissioner with the Government of
H.H. the Maharaja of Mysore, BANGALORE.

To

D. C. Subbarayappa, Esq., B.A.,B.L.,
Secretary,
Malnad Improvement Committee, Bangalore.

Sir,

With reference to your letter No.G. 25,366 sanitation dated the 6th May 1920, I have the honor to forward herewith, for the order of Government, a scheme of Anti-Malarial campaign to be adopted in the Malnad Districts, concentrating attention on one village at a time. In recommending the scheme, I beg to lay particular stress on the fact that while some preliminary idea based on a study of the actual local conditions, may be necessary for the purpose of formulating a programme of work for each affected village, a so-called scientific malarial survey need not be set up as a work by itself, dissociated from the ameliorative measures. That so little was achieved in the past is due to the postponement of the simple practical measures the adoption of which might as well have formed part of the duties of the staff detailed for the special investigation.

2. In regard to the work that might immediately be taken on hand I have had lists prepared of the villages in the Malnad Improvement areas, that are most affected with malaria and that admit of the application of anti-malarial measures in a manner such as would show quick and tangible

From

The Sanitary Commissioner
in Mysore,
Bangalore.

To

The Secretary,
Central M.I. Committee,
~~Shimoga District.~~
Bangalore

Dated 17.11.20

Despatched

Received

General No. C 3-10

No.

Enclosure No. on file

Subject.

Submitting a scheme for the adoption of an anti-malarial campaign in the Malnad.

San

18/11/20.

H.S

I.I

CHIEF OFFICE ... PROTECTION BRANCH
19 NOV 1920

improvements. Except in the case of the Shimoga District where a detailed survey of a typically Malarial Taluk was carried out some time ago suitable data are wanting for the preparation of estimates and no definite proposals in respect of individual villages can therefore be submitted just at present. The District Health Officers concerned have been instructed to visit the villages, study the conditions, and submit estimates showing the details and cost of the special investigation to be undertaken and anti-malarial measures to be carried out in each village. In the mean-time I request sanction to try the campaign in the village of Kabile in the Nagar Taluk as approved by the Malnad Improvement Committee, Shimoga District in their meeting held on the 9th October 1920.

3. Kabile is 8 miles from Nagar and consists of 37 houses with a population of 204. All the houses are within 100 to 200 yards from pools ~~xxxx~~ ascertained to be the breeding places of the infective variety of mosquitoes. The splenic index for the village is 50%. It will thus be seen that the conditions in this village are ideal for an effective Anti-malarial Campaign.

4. The cost of the anti-malarial operations for the village will roughly be as follows :-

Filling up or draining pools. Filling up disused wells. Clearing weeds from irrigation stream.	₹ 300-0-0
Planting eucalyptus or other water Absorbing plants. ...	₹ 100-0-0
Total	₹ 400-0-0

5. As this village was infected with cholera twice it is desirable to provide a properly protected well, fitted with Myer's Pump. The estimated cost of this improvement is ₹ 550/-. The total cost for the village thus comes to ₹ 950/-.

6. These improvements will be carried out under the immediate supervision of the District Health Officer assisted by the Local Sanitary Inspector. No special staff need be -

maintained except coolies for daily wages. The construction of the well may be placed in charge of one of the Malnad Improvement Overseers under the orders of the District Health Officer.

I have the honor to be,

Sir,

Your most obedient servant.

Offg. Sanitary Commissioner.

A scheme for an Anti-Malarial Campaign in selected villages in the Malnad.

As a general rule two or more villages in each dsirtict will be selected for carrying out anti-malarial operations depending upon the allotment available during the year ~~per~~ for expenditure under this head.

(2) In choosing the villages the District Health Officer will be guided by the following considerations:-

(a) heavy death rate in the village as compared with other villages near by.

(b) high splenic index.

(c) possibility or otherwise of the application of of the routine anti-malarial measures such as the abolition of stagnant pools, clearance of rank vegetation &c and

(d) a reasonable expectation that after the measures are carried out, a quick lapse to the old conditions, owing to natural or other causes, may not occur.

(3) The District Health Officer will maintain a list of all villages in the Malnad area in his charge, which during his personal inspections appear to him to be highly malarious. Other duties permitting, advantage should be taken of his tours to carefully collect and record information under the heads detailed in the accompanying ~~xxx~~ schedule.

(4) The collection of data as mentioned above may occasionally necessitate the assistance of a sanitary subordinate and one or two attenders; such assistant and menial staff may usually be drawn from the regular establishment of the Malnad Improvement with the approval of the President.

(5) The investigation will also necessitate the supply of a microscope and a suitable laboratory outfit on a small scale. Such of the District Health Officers as have not been provided with a microscope will be supplied with one. Indents for other articles required may be submitted to the Sanitary Commissioner in Mysore.

(6) At the quarterly meetings of the Central Malnad

Malnad Improvement Committee a memo will be presented by each of the District Health Officers showing the names of villages in which the local conditions have been studied first-hand together with a definite programme of the anti-malarial operations in selected villages proposed to be undertaken during the following quarter. The ~~approv~~ approval of the Central Committee will be sufficient authority to start work in the specified village with as little loss of time as possible.

(7) The District Health Officer will be in immediate charge of all detailed investigations and anti-malarial operations that may be undertaken or may be in progress in the district, under the orders of the President of the District Malnad Improvement Committee. The details relating to the expenditure, including the employment of coolies for temporary periods will be regulated by an estimate previously submitted to and approved by the Central Committee.

Offg. Sanitary Commissioner.

Schedule of points to be noted by District Health Officers in respect of villages most affected with malaria in Malnad.

1. Village

2. Hobli

3. Population Males Females.
   (a) according to 1911 census
   (b) - do - or the laterst)
   Khaneshumari.)

4. Water Supply
   (a) No. of draw wells with drinkable water.
   (b) - do - - do - brackish - do -
   (c) any hondas
   (d) any stepwells
   (e) ~~xxxx~~ any tanks
   (f) any streams near by
   (g) any other collections of water
   (h) is drinkable water found in sufficient quantity?

5. The presence of mosquitoe larvae in any of the above
   (a) Culex
   (b) Anopheles
   (c) Stegomyia

6. The existence of any potential breeding Places of mosquitoes.

7. The ~~xxxxx~~ general sanitation of the streets and lanes.

8. Nature and condition of drains if any.

9. Any collections of sullage in the streets and lanes.

10. Can the village be said to be congested? If so do the people ask for any extension of the village? Specify any adjacent sites or sites which can be used for - extending the village.

11. If the condition of the village is bad does it require shifting to a new site altogether? If so, indicate any suitable site for shifting the village.

12. The number of children between ages 2 and 12 years in the village. Boys Girls.
   (a) The number with enlargement of spleen
   Boys. Girls.
   (b) Splenic Index.
   (c) Any diseases other than malarial fever prevailing among the children.

13. Any diseases other than malarial fever, dysentery, diarrhoea, worms, pneumonia prevailing among the adult population.
   (a) The seasons during which the diseases prevail.

14. Collection of adult mosquitoes from the houses.
   (a) No. actually collected.
   (b) The No. of Culex.
   (c) - do - of Anopheles and its species.
   (d) - do -of stegomyia
   (e) dissection of anopheles giving information regarding presence or absence of malarial parasites.

15. Collection of larvae of mosquitoes from the actual breeding places which must be noted on the map of the village.
   (a) the number of adult mosquitoes bred from larvae.
   (b) culex or anopheles and its species.
   (c) specific recommendation about the treatment of the breeding places.

13

16. The presence or absence of any larvae eating fish insects or other animals in any of the breeding places.

17. Any weeds or other vegetation growing in the breeding places.

18. The distance between the outskirts of the village and any jungle.

19. Examination of vital statistics for a period of from 5 to 10 years.
    (a) annual mortality attributed to malarial fever
    (b) -do- - do - due to any other important diseases dysentery, diarrhoea, pneumonia &c.
    (c) The average number of births every year.

20. Physiographical characters of the locality. Sub soil water level at different seasnns.

21. Examination of blood films
    (a) of adults
    (b) of children between 2 and 12 years of age.
    (c) the No. of cases in which malarial parasites are ~~all formed~~ found.
    (d) the No. & variety of malarial parasites found.

Offg. Sanitary Commissioner.

G.R.S. VI–71]

1073

14

SUBJECT.....

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Diary No. of letter replied to 10701

Section Sany

File No. 43-20

Serial No. 3

General and Revenue Secretariat

( )

Proceedings of the Government of His Highness the Maharaja of Mysore.

, *the* 191 .

Date of issue 12/3

Signed by

Read—

Letter no e 3-103 17-11-20 from the Offg Sany Comr in Mysore forwarding a scheme of Anti-Malarial Campaign at the Malnad detailed, concentrating attention on one village at a time & requesting sanction to the try the campaign in Kabbile Village, Nagar Taluk, at an estimated cost of Rs 950 as noted in the margin.

~~Order Thereon—No.~~

2. Resolution of the Mysore Legislative Council meeting held on 4-12-1920 to the effect that the Anti malarial Campaign might be tried in Kabbile Village, Nagar Taluk.

Orders vide G 17507-11

The proposal to carry on anti-malaria

(1) Filling up of disused wells, pools etc & clearing weeds from irrigation streams Rs 300.

(2) Planting Eucalyptus or other trees absorbing plants 100

(3) Providing properly protected well fitted with oil engine pumps 550

Rs 950

May this be

i Printed ?

ii treated as a standing order ?

iii published in the Gazette, English Part ?

iv translated ?

v placed at the disposal of the press ?

vi published in the Gazette, Kannada Part ?

15

malarial campaign in ~~the~~ Kabul
village as an experimental measure
sanctioned with the observation
that ~~it~~ it is not necessary
to fit up a Ruger's pumps to the wells.

The Deputy Comrs of Kabul & Logar in consultation with the Asst Comrs
are requested to select ~~and~~ suitable villages in these
districts where the campaign may be
carried, and report the names to Govt.

dcs
18/2/24 Rev Secy to Govt.

The Offg Sanitary Comr with his
" Deputy Comrs telegram.
M. I. Committee of Khinoja,
Kabul Khorasan
" Comptroller to Govt

GPS
17/2
21/2/24.

List of enclosures.

Copied by

Examined by

WD 1744—GPB—30,000—17-3-19